“Magic Wand – What’s Needed Across People, Processes & Technologies?”

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September 28-29, 2023  
Badger Meter’s HQ Milwaukee, Wisconsin
City of Omaha – CSO community – 1700 miles separate, 760 miles combined

Omaha's CSO program reaches halfway point with Saddle Creak treatment plant opening (Of $2.1B)

"This is the most important CSO project in our long-term control plan to reduce the pollution that enters the Papillion Creek," Omaha Mayor Jean Stothert said.

SMART Stepping Stones:
- CMOM staffing plan
- New Plant Engineering Division
- Strategic Asset Management
- Model Management Strategic Planning
- Facility Master Plan w/ AGS
- In-house Sewer Data GIS Dashboards
- CSO cameras & sensors
- ~70 telemetered flow meters w/ alerts
- Robust rain gauge network

(KETV) Updated: 10:28 PM CDT Sep 25, 2023
Wastewater Intelligence | Data Enhancement

- Historical data (1st party data)
- Data from the utility (2nd party data)
- Publicly available data (3rd party data)
- Online data (2nd party data)

Analytics engines/Models

- Sector information
- Lab sampling results
- Real time data
- Contact sensors
- Non-contact sensors

* Non-contact sensor